

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
AVN 203S COMMERCIAL FLIGHT LAB II
2 CREDIT HOURS

COURSE DESCRIPTION

Apply the concepts learned in the Commercial Ground course to develop the aeronautical skills, flight proficiency, and flight experience necessary to meet the requirements for the Commercial Certificate. Prerequisite or Co-requisite: AVN201S, AVN 202S and/or department permission. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
5	1. Develop the aeronautical experience to conduct flight in a complex and/ or Technically Advanced Aircraft (TAA).	3,4,6,8
3	2. Demonstrate knowledge and execution of emergency procedures in a complex/ TAA.	3,4,6
3	3. Demonstrate knowledge of complex/ TAA systems.	3,4
5	4. Combine aeronautical experience with complex/ TAA concepts to conduct cross country flight.	3,4,5,6,7,10
2	5. Conduct a dual day Visual Flight Rules (VFR) cross country flight.	3,5,6,7,10
2	6. Conduct a dual night VFR cross country flight.	3,5,6,7,8,10
3	7. Demonstrate knowledge of advanced navigation systems and autopilot integration.	4,8
5	8. Perform previously learned and new flight maneuvers to commercial pilot standards.	2
2	9. Conduct all flight maneuvers to commercial Airmen Certification Standards. (ACS).	2
5	10. Develop the skills to complete the FAA commercial pilot practical exam in an Airplane Single Engine Land (ASEL).	1,2
3	11. Apply previously learned maneuvers and operations to ACS to pass the practical exam.	1,2

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State Community College. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce those Core Values wherever appropriate.

TOPIC OUTLINE

1. Basic flight maneuvers in a complex/ TAA
2. Emergency procedures in a complex/ TAA
3. Complex aircraft systems
4. Cross country flights
5. Advanced navigation and autopilot systems
6. Commercial Pilot practical exam